

HUBNETIX - OTDR Platform

HLF-T7-51PB



Description

Today's converged enterprise networks and service networks operating on fibre optic infrastructures demands a test platform that incorporates a range of test functions without compromising proficiency, movability, promptness or cost.

HUBNETIX LANLINE P/No.HLF-T7-51PB OTDR Platform is an industry leading product that revolutionizes the challenges of fiber testing for cable installers and technicians. HUBNETIX OTDR platform enables automated testing and analysis anywhere on the fibre to characterize single-mode and multimode fibers for commissioning, network upgrades, and troubleshooting with the added insurance of workflow optimization and accurate fiber-link fingerprinting.

LANLINE OTDR optical performance combined with the platform's unique data analysis and simple set-up, operation and powerful testing features ensures that testing works are performed quickly and precisely.

Standard testing features include:

- Automatic macro bend detection
- Summary results table with PASS/FAIL analysis
- Bidirectional OTDR analysis
- Quick Report – onboard report generation

Features



Built-in VFL and OPM



Max. 5 wavelengths, 850nm/
1300nm/1310nm/1550nm/1625nm



7 inch color LCD,
Multi-touch screen



Input laser signal auto detection
and self-protection function



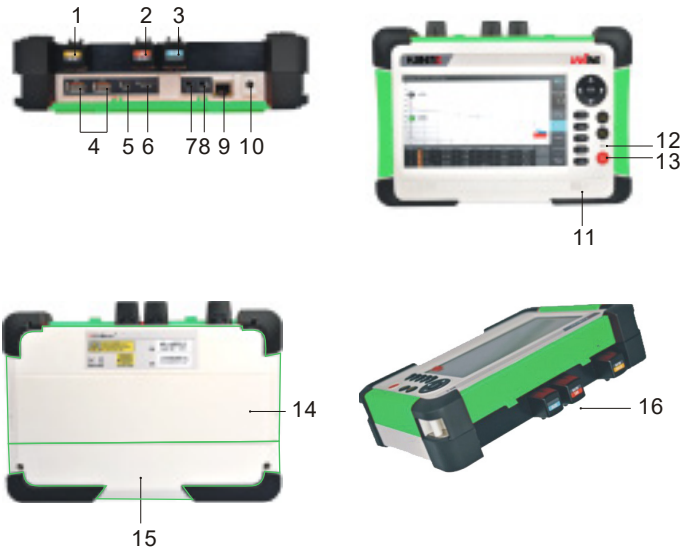
Multi-wavelength
testing and display













User-friendly OTDR simulation
software shows details of events



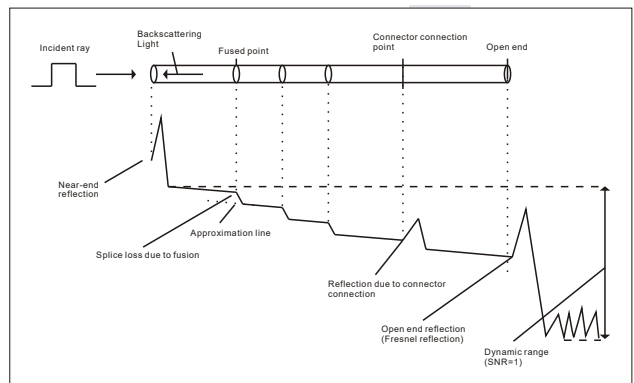
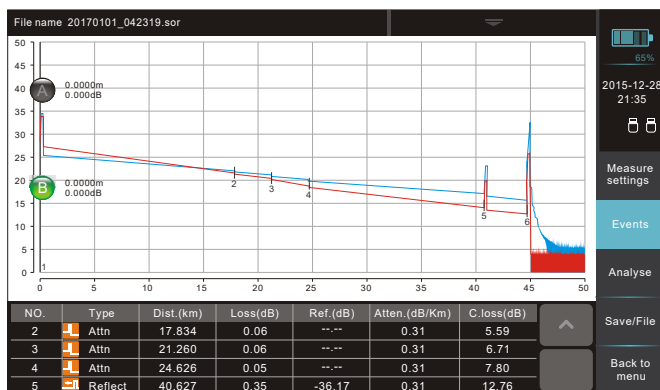
- 1 OTDR
- 2 VFL
- 3 OPM
- 4 USB HOST Port
- 5 USB OTG Port
- 6 Micro SD Slot
- 7 Headset Socket
- 8 Serial Port
- 9 Ethernet Port
- 10 AC/DC Socket
- 11 Speaker
- 12 Power LED
- 13 Power On/Off Button
- 14 Module Part
- 15 Battery
- 16 Back Stand



ACCESSORIES

Standard	 HLF-T7-51PB	 Instruction CD	 Clean Stick	 Calibration Certificate
	 AC Cable	 AC/DC Adapter	 Carrying Bag	
Optional	 FCU=FC/UPC FCA=FC/APC	 SCU=SC/UPC SCA=SC/APC	 LCU=LC/UPC	

OTDR Testing



SPECIFICATIONS

Model	HLF-T7-51PB
LCD	7 inch color LCD, Multi-touch screen
Connector	FC/PC (850/1300/1310/1550), FC/APC (1625) interchangeable adapter or customize
Pulse Width	5ns,10ns,25ns,50ns,100ns,250ns,500ns,1us,2.5us,5us,10us,20us
Attenuation Dead Zone	4.0m
Event Dead Zone	1.5m
Min.Distance Resolution	0.1m
Loss Resolution(dB)	0.001
Distance Uncertainty(m)	$\pm(0.8+0.005\% * \text{Testing Distance} + \text{Resolution})$
OPM Function	T:+8~-70dBm or C:+26~-50dBm, 850/1300/1310/1490/1550/1625nm,FC or SC adapter
VFL Function	1mW
Storage	>10000 results
Battery	7.4V/4.6AH Rechargeable lithium-ion batteries
Size(H*W*D)	246.5mm*173.5mm*70mm
Weight	About 1.55 kg
Storage Temperature	-20 -- +60 °C, < 90%RH
Operating Temperature	-10 -- +50 °C, < 90%RH

OTDR MODULE

	Hubnetix Part No.	dB
SM OTDR Module 1310nm/1550nm	HLF-MDSM3230	32/30dB
	HLF-MDSM3634	36/34dB
	HLF-MDSM4038	40/38dB
PON Online OTDR 1310nm/1550nm/1625nm	HLF-MDPN3534	35dB/34dB/34dB
	HLF-MDPN3837	38dB/37dB/37dB
MM OTDR Module 850nm/1300nm	HLF-MDMM2022	20dB/22dB

ORDERING INFORMATION

Part No.	Description
HLF-T7-51PB	HUBNETIX LANLINE OTDR Platform Fibre Tester

*Note:	Add with HLF-T7-51PB - Modules & Adaptors required					
X1	X1	X3	X4	X5	X6	X7
OTDR module 1	OTDR module 1 adaptor	OTDR module 2	OTDR module 2 adaptor	VFL module	OPM module	OPM module adaptor

HUBNETIX CORPORATION

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* Contact HUBNETIX for additional references. For more information about LANLINE OTDR and test platforms, contact your respective regional office technical team.

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